

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/004255

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl⁷ G02B27/22, G02F1/13, G03B35/24, G09F9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl⁷ G02B27/22, G02F1/13, G03B35/24, G09F9/00, H04N13/00-17/06,
G09G3/18, G09G3/36

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 3-119889 A (Nippon Hoso Kyokai), 22 May, 1991 (22.05.91), Full text; Fig. 9 (Family: none)	1-9
A	JP 10-142572 A (Sharp Corp.), 29 May, 1998 (29.05.98), Full text; Figs. 5, 9 & US 5969850 A & EP 0833183 B1 & DE 69729617 D1 & GB 2317710 A	1-9
A	JP 2001-166259 A (Sanyo Electric Co., Ltd.), 22 June, 2001 (22.06.01), Full text; Figs. 12, 13 & EP 1087627 A2	1-9

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
21 June, 2005 (21.06.05)Date of mailing of the international search report
05 July, 2005 (05.07.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer


Facsimile No.

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From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
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(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 01 July 2005 (01.07.2005)		To: WIN TECH PATENT OFFICE 4th Fl., Wenping Kanda BLDG. 6-7, Kanda Kajicho 3-chome Chiyoda-ku, Tokyo 1010045 JAPON 
Applicant's or agent's file reference JJP05-0242		
International application No. PCT/JP2005/004255	International filing date (day/month/year) 10 March 2005 (10.03.2005)	
International publication date (day/month/year)	Priority date (day/month/year) 24 March 2004 (24.03.2004)	
Applicant SANYO ELECTRIC CO., LTD. et al		

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
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Priority date	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
24 March 2004 (24.03.2004)	2004-087356	JP	24 June 2005 (24.06.2005)

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